



## PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: PREPARATION OF METAL CHALCOGENIDES FROM REACTIONS OF METAL COMPOUNDS AND CHALCOGEN

Mail Stop Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL IN RESPONSE TO NOTICE OF MISSING PARTS


Sir:

Enclosed are the following items:

- Copy of Notice to File Missing Parts of Application dated November 21, 2005.
- Executed Declarations from each inventor.

Respectfully submitted,

January 10, 2006

  
Dong-Kyun Seo  
Inventor

Please direct all correspondence to:  
Prof. Dong-Kyun Seo  
2215 East Granite View Drive  
Phoenix, AZ 85048

# CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Mailing Label EQ037192207US, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patent, P. O. Box 1450, Alexandria, VA 22313-1450, on 11/23/2010.

Jan 10, 2006 *[Signature]*  
Date: Greg L. Martinez

Docket No. 4647-A1PCUS

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Dong-Kyun Seo, et al.  
Appl. Serial No.: 10/544, 266  
Docket No. 4647-A1PCUS  
International Filing Date: February 2, 2004  
International Application Number: PCT/US04/02929

Title: PREPARATION OF METAL CHALCOGENIDES FROM REACTIONS OF  
METAL COMPOUNDS AND CHALCOGEN

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO NOTICE OF MISSING PARTS OF NONPROVISIONAL  
APPLICATION**

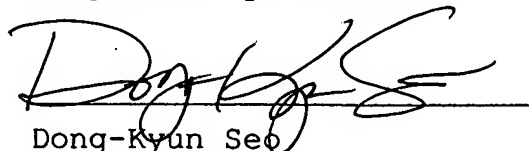
Sir:

The following is applicants' response to the November 21, 2005, Notice to File Missing Parts of Nonprovisional Application.

The notice indicated that the signatures of inventors Dong-Kyun Seo, Nora Iancu, and Liming Wu are missing from the declaration. In response, please find the following:

- Declaration signed by inventor Dong-Kyun Seo;
- Declaration signed by inventor Nora Iancu;
- Declaration signed by inventor Liming Wu; and
- A copy of the Notice of Missing Parts.

Respectfully submitted,

  
Dong-Kyun Seo  
Inventor

January 10, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/544,266	Dong-Kyun Seo	4647-A1PCUS

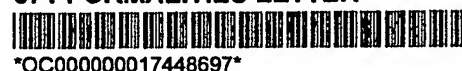
INTERNATIONAL APPLICATION NO.	
PCT/US04/02929	
I.A. FILING DATE	PRIORITY DATE
02/02/2004	01/31/2003

29370  
 ROBERT A. PARSONS  
 4000 N. CENTRAL AVENUE, SUITE 1220  
 PHOENIX, AZ 85012

NOV 28 2005

CONFIRMATION NO. 1339

371 FORMALITIES LETTER



\*OC000000017448697\*

Date Mailed: 11/21/2005

due 21 Jan 06

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/01/2005
- Copy of the International Search Report filed on 08/01/2005
- Preliminary Amendments filed on 08/01/2005
- Information Disclosure Statements filed on 08/01/2005
- Oath or Declaration filed on 08/01/2005
- Small Entity Statement filed on 08/01/2005
- U.S. Basic National Fees filed on 08/01/2005
- Priority Documents filed on 08/01/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed

to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/544,266	PCT/US04/02929	4647-A1PCUS

FORM PCT/DO/EO/905 (371 Formalities Notice)